LISTING OF THE CLAIMS:

      This listing of the claims will replace all prior versions, and listings, of the claims in the application.

      Claims 1-9 (Canceled)

1   10. (Currently Amended) Software embodied in one or more computer readable-
2 media when executed operable to:

3   display, within a Web page on a client computer coupled to a network environment,
4 ~~one of~~ a plurality of two-dimensional secondary spatial images being components of an original
5 multi-dimensional image having more than two dimensions, with locations ~~an indicated location~~ in
6 the two-dimensional secondary spatial images ~~image~~ specified by values of first and second
7 coordinates which specify locations in said components of the original multi-dimensional image,
8 ~~specifying the position of the indicated location in the two-dimensional spatial image, and specified~~
9 ~~by at least one predefined additional coordinate which, in combination with the first and second~~
10 ~~coordinates, specifies the position of the indicated location~~;
11   select a particular location on a two-dimensional secondary spatial image having
12 particular values of the first and second coordinates, where selecting the particular location on the
13 two-dimensional spatial image determines a multi-dimensional coordinate including at least a third
14 coordinate value which, together with the first and second coordinates, indicates an indicated
15 location in the original multi-dimensional image;
16   initiate access to a location in a secondary image map homologous to the indicated
17 location to retrieve a retrieved object index for the indicated location after the location of the two-
18 dimensional secondary spatial image displayed on the client computer is selected;
19   ~~read a secondary image map, at a server computer coupled to the network~~
20 ~~environment, with the secondary image map having entries correlating to values of the first, second,~~
21 ~~and additional coordinates of the original multi-dimensional image, with each entry including a~~
22 ~~pointer value~~;
23   ~~access, at the server computer, a selected entry of the secondary image map specified~~
24 ~~by particular values of the first, second, and additional coordinates of an indicated location to~~
25 ~~retrieve a selected pointer included in the selected entry when the indicated location of the two-~~
26 ~~dimensional secondary spatial image displayed on the client computer is selected, with the particular~~

27   ~~values of the first and second coordinates sent to the server computer from the client computer over~~

28   ~~the computer network environment;~~ and

29   cause a server computer coupled to the network environment to utilize, ~~at the server~~

30   ~~computer, a~~ the retrieved <u>object index for the indicated location</u> ~~selected pointer~~ to access <u>a program</u>

31   <u>action</u> ~~hot program actions~~ associated with the indicated location ~~in the original multi-dimensional~~

32   ~~image~~.

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1   11. (cancelled)

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1   12. (Currently amended) The software of claim 10 where the multi-dimensional

2   image is a three-dimensional volume image and the two-dimensional secondary spatial image is a

3   planar slice of the three-dimensional volume image.

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1   13. (Previously presented) The software of claim 10 where the multi-dimensional

2   image is a video clip and the two-dimensional secondary spatial image is a frame of the video clip.

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1   14-15. (Cancelled)

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1   16. (New) Software embodied in one or more computer readable media when

2   executed operable to:

3   utilize, on a server computer coupled to the network environment, a retrieved object

4   index for an indicated location to access a program action associated with the indicated location;

5   wherein said object index is obtained by the execution of code, on a client computer

6   coupled to the network environment, to display, within a Web page, a plurality of two-dimensional

7   secondary spatial images being components of an original multi-dimensional image having more

8   than two dimensions, with locations in the two-dimensional secondary spatial images specified by

9   values of first and second coordinates which specify locations in said components of an original

10   multi-dimensional image;

11   wherein said display is to allow a user to select a particular location on a two-

12   dimensional secondary spatial image having particular values of the first and second coordinates,

13   where selecting the particular location on the two-dimensional spatial image determines a multi-

14   dimensional coordinate including at least a third coordinate value which, together with the first and

15   second coordinates, indicates said indicated location in the original multi-dimensional image; and

16   wherein said selecting further initiates access to a location in a secondary image map

17   homologous to the indicated location to retrieve said retrieved object index for the indicated location

18   after the location of the two-dimensional secondary spatial image displayed on the client computer is

19   selected.

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20   17. (New) The software of claim 16 wherein said selecting occurs on said client

21   computer.

1   18. (New) The software of Claim 16 wherein said secondary image map is located on

2   said client computer.

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1   19. (New) A method of serving digital information, the method comprising:

2   receiving a request for a distributed hypermedia document at a

3   network server;

4   transmitting the distributed hypermedia document from the network server to a

5   distributed hypermedia browser in response to receiving the request, the distributed hypermedia

6   document including an HTML tag to cause the display of a plurality of two-dimensional secondary

7   spatial images being components of an original multi-dimensional image having more than two

8   dimensions, with locations in the two-dimensional secondary spatial images specified by values of

9   first and second coordinates which specify locations in said components of an original multi-

10   dimensional image, wherein said display is to allow a user to select a particular location on a two-

11   dimensional secondary spatial image having particular values of the first and second coordinates,

12   where selecting the particular location on the two-dimensional spatial image determines a multi-

13   dimensional coordinate including at least a third coordinate value which, together with the first and

14   second coordinates, indicates an indicated location in the original multi-dimensional image, wherein

15   said selecting further initiates access to a location in a secondary image map homologous to the

16   indicated location to retrieve a retrieved object index for the indicated location after the location of

17   the two-dimensional secondary spatial image displayed on the client computer is selected, and

18   wherein said selecting further causes a server computer coupled to the network environment to

19   utilize the retrieved object index for the indicated location to access a program action associated with

20   the indicated location.

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1   20. (New) The method of claim 19 wherein said selecting occurs on said client

2   computer.

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1   21. (New) The method of Claim 19 wherein said secondary image map is located on

2   said client computer

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